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SOP FOR STEAM SHIP TO SHORE HOSE TESTING

Purpose:

PWC SOP for ship to shore steam hose testing.

References:

1. PWC Occupational Safety and Health Requirements for Steam.

Potential Energy Sources:

Leaks going past the valve, residual steam, heat, water slug coming down the line.

Tools and PPE:

Work gloves, safety shoes, coveralls, eye protection, ear protection, hammer, hose cap with bleed valve, and open end box wrenches.

Procedure:

During this entire procedure all PPE will be worn.

1. Lay out necessary hose for testing. Secure steam hose to the test rack with a safety chain.
2. Connect hose to test riser. Connect hose cap to steam outlet end of hose.
3. Crack open bleed valve on the hose cap. Open supply valve and bleed condensate.
4. Close bleed valve on the steam outlet end of hose. Observe for leaks for 15 minutes.
5. Close supply valve. Open bleed valve to release stored steam.
6. Disconnect hose from test riser. Remove cap from steam outlet.
7. Remove safety chains and hose from test rack. Roll up hose and store in proper place. Note: If hoses were found to be defective mark them for salvage and transport them to the salvage pile.

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